Rec'd PCT/PTO 18 MAY 2005

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| REC'D | 18 APR 2005 | |
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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

| Applicant's or agent's file reference | | See Notificati | on of Transmittal of International | | | |
|---|--|--|--|--|--|--|
| AWL223-2002PCT | FOR FURTHER ACTION | | Examination Report (Form PCT/IPEA/416) | | | |
| International application No. | International filing date (day/mo | nternational filing date (day/month/year) Priority date (day/m | | | | |
| PCT/US03/39549 | | | 12 December 2002 (12.12.2002) | | | |
| International Patent Classification (IPC) or national classification and IPC | | | | | | |
| IPC(7): B 32 B 27/12 and US Cl.: 442/394-401. | | | | | | |
| Applicant | | | | | | |
| AHLSTROM MOUNT HOLLY SPRING | GS, LLC | | · | | | |
| Examining Authority and | is transmitted to the applicant | according to A | | | | |
| 2. This REPORT consists of a total of 3 sheets, including this cover sheet. | | | | | | |
| This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT). | | | | | | |
| These annexes consist of a total of $\underline{\mathscr{S}}$ sheets. | | | | | | |
| 3. This report contains indications relating to the following items: | | | | | | |
| I Basis of the report | | | | | | |
| II Priority | | | | | | |
| III Non-establishm | | | | | | |
| IV Lack of unity o | f invention | | | | | |
| | | egard to novel | ty, inventive step or industrial | | | |
| l <u>K3</u> | tations and explanations suppo | | | | | |
| VI Certain docume | ents cited | | | | | |
| VII Certain defects | in the international application | L . | • | | | |
| VIII Certain observa | tions on the international appli | cation | | | | |
| <u></u> | ** | | | | | |
| Date of submission of the demand | Date | of completion | of this report | | | |
| 09 July 2004 (09.07.2004) | | pril 2005 (04.04 | • | | | |
| Name and mailing address of the IPEA/ | US Auti | orized officer | 11/1/11/1 | | | |
| Mail Stop PCT, Attn: IPEA/ US Commissioner for Patents | | | Amf Well J | | | |
| Alexandria, Virginia 22313-1450 | Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Telephone No. 571-272-0944 Telephone No. 571-272-0944 | | | | | |
| Facsimile No. (703) 305-3230 | 1 Cle | PAROTIC 140. 3/1- | | | | |

Form PCT/IPEA/409 (cover sheet)(July 1998)

| International | ation No. |
|----------------|-----------|
| PCT/US03/39549 | |

| I. | Bas | s of the report |
|------|-------------|---|
| 1. | With | regard to the elements of the international application:* |
| | | the international application as originally filed. |
| | \boxtimes | the description: |
| | | pages 1-16 as originally filed |
| | | pages NONE, filed with the demand pages NONE, filed with the letter of |
| | \boxtimes | the claims: |
| | لحا | pages NONE , as originally filed |
| | | pages NONE, as amended (together with any statement) under Article 19 |
| | | pages NONE , filed with the demand |
| | | pages 17-22/2 , filed with the letter of 18 November 2004 (18.11.2004) |
| | \boxtimes | the drawings: |
| | | pages 1-3, as originally filed |
| | | pages NONE , filed with the demand |
| | | pages NONE, filed with the letter of |
| | ш | the sequence listing part of the description: pages NONE , as originally filed |
| | | pages NONE , filed with the demand |
| | | pages NONE, filed with the letter of |
| 2. | With | regard to the language, all the elements marked above were available or furnished to this Authority in the |
| | Thes | age in which the international application was filed, unless otherwise indicated under this item. e elements were available or furnished to this Authority in the following language which is: |
| | | the language of a translation furnished for the purposes of international search (under Rule23.1(b)). |
| | | the language of publication of the international application (under Rule 48.3(b)). |
| | | the language of the translation furnished for the purposes of international preliminary examination (under Rules |
| _ | | 33.2 allu/01 33.3). |
| 3. | With | regard to any nucleotide and/or amino acid sequence disclosed in the international application, the |
| | | actional preliminary examination was carried out on the basis of the sequence listing: |
| | | contained in the international application in printed form. |
| | H | filed together with the international application in computer readable form. |
| | | furnished subsequently to this Authority in written form. |
| | | furnished subsequently to this Authority in computer readable form. |
| | | The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished. |
| | | |
| | | The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished. |
| 4. | \boxtimes | The amendments have resulted in the cancellation of: |
| | | the description, pages NONE |
| | | the claims, Nos. 5 |
| | | the drawings, sheets/ fig NONE |
| 5. [|] : | This report has been established as if (some of) the amendments had not been made, since they have been considered to go |
| | • | by one the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).** |
| | | ment sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17). |
| ** A | ny rep | elacement sheet containing such amendments must be referred to under item 1 and annexed to this report. |

International ation No. PCT/US03/39

| STATEMENT | | | |
|-------------------------------|--------|---------------|----|
| Novelty (N) | Claime | 1-4, AND 6-32 | V |
| 1.0 (0.0) | | NONE | YE |
| | Claus | HOME | NC |
| Inventive Step (IS) | Claims | 1-4, AND 6-32 | YE |
| • | Claims | NONE | NC |
| Industrial Applicability (IA) | Claims | 1-4, AND 6-32 | YE |
| | Claims | | |
| | Clanis | NOINE | NC |
| NEW CITATIONS | 770000 | | |
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